



DEPARTMENT OF THE AIR FORCE  
59TH MEDICAL WING (AETC)  
JOINT BASE SAN ANTONIO - LACKLAND TEXAS

2 FEB 2017

MEMORANDUM FOR 959 CSPS

ATTN: CAPT SUNTHOSH MADIREDDI

FROM: 59 MDW/SGVU

SUBJECT: Professional Presentation Approval

1. Your paper, entitled **A Case-Based Review of Uncommon Causes of Axillary Adenopathy and Potential Pitfalls in Management** presented at/published to **ARRS, New Orleans, LA, 25 April 2017** in accordance with MDWI 41-108, has been approved and assigned local file #**17043**.
2. Pertinent biographic information (name of author(s), title, etc.) has been entered into our computer file. Please advise us (by phone or mail) that your presentation was given. At that time, we will need the date (month, day and year) along with the location of your presentation. It is important to update this information so that we can provide quality support for you, your department, and the Medical Center commander. This information is used to document the scholarly activities of our professional staff and students, which is an essential component of Wilford Hall Ambulatory Surgical Center (WHASC) internship and residency programs.
3. Please know that if you are a Graduate Health Sciences Education student and your department has told you they cannot fund your publication, the 59th Clinical Research Division may pay for your basic journal publishing charges (to include costs for tables and black and white photos). We cannot pay for reprints. If you are 59 MDW staff member, we can forward your request for funds to the designated wing POC.
4. Congratulations, and thank you for your efforts and time. Your contributions are vital to the medical mission. We look forward to assisting you in your future publication/presentation efforts.

*Linda Steel-Goodwin*

LINDA STEEL-GOODWIN, Col, USAF, BSC  
Director, Clinical Investigations & Research Support

# PROCESSING OF PROFESSIONAL MEDICAL RESEARCH/TECHNICAL PUBLICATIONS/PRESENTATIONS

## INSTRUCTIONS

### USE ONLY THE MOST CURRENT 59 MDW FORM 3039 LOCATED ON AF E-PUBLISHING

1. The author must complete page two of this form:
  - a. In Section 2, add the funding source for your study [ e.g., 59 MDW CRD Graduate Health Sciences Education (GHSE) (SG5 O&M); SG5 R&D; Tri-Service Nursing Research Program (TSNRP); Defense Medical Research & Development Program (DMRDP); NIH; Congressionally Directed Medical Research Program (CDMRP) ; Grants; etc.]
  - b. In Section 2, there may be funding available for journal costs, if your department is not paying for figures, tables or photographs for your publication. Please state "YES" or "NO" in Section 2 of the form, if you need publication funding support.
2. Print your name, rank/grade, sign and date the form in the author's signature block or use an electronic signature.
3. Attach a copy of the 59 MDW IRB or IACUC approval letter for the research related study. If this is a technical publication/presentation, state the type (e.g. case report, QA/QI study, program evaluation study, informational report/briefing, etc.) in the "Protocol Title" box.
4. Attach a copy of your abstract, paper, poster and other supporting documentation.
5. Save and forward, via email, the processing form and all supporting documentation to your unit commander, program director or immediate supervisor for review/approval.
6. On page 2, have either your unit commander, program director or immediate supervisor:
  - a. Print their name, rank/grade, title; sign and date the form in the approving authority's signature block or use an electronic signature.
7. Submit your completed form and all supporting documentation to the CRD for processing (59crdpubspres@us.af.mil). **This should be accomplished no later than 30 days before final clearance is required to publish/present your materials.** If you have any questions or concerns, please contact the 59 CRD/Publications and Presentations Section at 292-7141 for assistance.
8. The 59 CRD/Publications and Presentations Section will route the request form to clinical investigations, 502 ISG/JAC (Ethics Review) and Public Affairs (59 MDW/PA) for review and then forward you a final letter of approval or disapproval.
9. Once your manuscript, poster or presentation has been approved for a one-time public release, you may proceed with your publication or presentation submission activities, as stated on this form. **Note:** For each new release of medical research or technical information as a publication/presentation, a new 59 MDW Form 3039 must be submitted for review and approval.
10. If your manuscript is accepted for scientific publication, please contact the 59 CRD/Publications and Presentations Section at 292-7141. This information is reported to the 59 MDW/CC. All medical research or technical information publications/presentations must be reported to the Defense Technical Information Center (DITC). See 59 MDWI 41-108, *Presentation and Publication of Medical and Technical Papers*, for additional information.
11. The Joint Ethics Regulation (JER) DoD 5500.07-R, *Standards of Conduct*, provides standards of ethical conduct for all DoD personnel and their interactions with other non-DoD entities, organizations, societies, conferences, etc. Part of the Form 3039 review and approval process includes a legal ethics review to address any potential conflicts related to DoD personnel participating in non-DoD sponsored conferences, professional meetings, publication/presentation disclosures to domestic and foreign audiences, DoD personnel accepting non-DoD contributions, awards, honoraria, gifts, etc. The specific circumstances for your presentation will determine whether a legal review is necessary. **If you (as the author) or your supervisor check "NO" in block 17 of the Form 3039, your research or technical documents will not be forwarded to the 502 ISG/JAC legal office for an ethics review.** To assist you in making this decision about whether to request a legal review, the following examples are provided as a guideline:

For presentations before professional societies and like organizations, the 59 MDW Public Affairs Office (PAO) will provide the needed review to ensure proper disclaimers are included and the subject matter of the presentation does not create any cause for DoD concern.

If the sponsor of a conference or meeting is a DoD entity, an ethics review of your presentation is not required, since the DoD entity is responsible to obtain all approvals for the event.

If the sponsor of a conference or meeting is a non-DoD commercial entity or an entity seeking to do business with the government, then your presentation should have an ethics review.

If your travel is being paid for (in whole or in part) by a non-Federal entity (someone other than the government), a legal ethics review is needed. These requests for legal review should come through the 59 MDW Gifts and Grants Office to 502 ISG/JAC.

If you are receiving an honorarium or payment for speaking, a legal ethics review is required.

If you (as the author) or your supervisor check "YES" in block 17 of the Form 3039, your research or technical documents will be forwarded simultaneously to the 502 ISG/JAC legal office and PAO for review to help reduce turn-around time. If you have any questions regarding legal reviews, please contact the legal office at (210) 671-5795/3365, DSN 473.

**NOTE:** All abstracts, papers, posters, etc., should contain the following disclaimer statement:

***"The views expressed are those of the [author(s)] [presenter(s)] and do not reflect the official views or policy of the Department of Defense or its Components"***

**NOTE:** All abstracts, papers, posters, etc., should contain the following disclaimer statement for research involving humans:

***"The voluntary, fully informed consent of the subjects used in this research was obtained as required by 32 CFR 219 and DODI 3216.02\_AFI 40-402."***

**NOTE:** All abstracts, papers, posters, etc., should contain the following disclaimer statement for research involving animals, as required by AFMAN 40-401\_IP :

***"The experiments reported herein were conducted according to the principles set forth in the National Institute of Health Publication No. 80-23, Guide for the Care and Use of Laboratory Animals and the Animal Welfare Act of 1966, as amended."***



<b>PROCESSING OF PROFESSIONAL MEDICAL RESEARCH/TECHNICAL PUBLICATIONS/PRESENTATIONS</b>			
1. TO: CLINICAL RESEARCH	2. FROM: (Author's Name, Rank, Grade, Office Symbol) Sunthosh Madireddi, Capt, O-3	3. GME/GHSE STUDENT: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	4. PROTOCOL NUMBER:
5. PROTOCOL TITLE: ( <b>NOTE:</b> For each new release of medical research or technical information as a publication/presentation, a new 59 MDW Form 3039 must be submitted for review and approval.) A case-based review of uncommon causes of axillary adenopathy and potential pitfalls in management			
6. TITLE OF MATERIAL TO BE PUBLISHED OR PRESENTED: A case-based review of uncommon causes of axillary adenopathy and potential pitfalls in management			
7. FUNDING RECEIVED FOR THIS STUDY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO FUNDING SOURCE:			
8. DO YOU NEED FUNDING SUPPORT FOR PUBLICATION PURPOSES: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
9. IS THIS MATERIAL CLASSIFIED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
10. IS THIS MATERIAL SUBJECT TO ANY LEGAL RESTRICTIONS FOR PUBLICATION OR PRESENTATION THROUGH A COLLABORATIVE RESEARCH AND DEVELOPMENT AGREEMENT (CRADA), MATERIAL TRANSFER AGREEMENT (MTA), INTELLECTUAL PROPERTY RIGHTS AGREEMENT ETC.? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <b>NOTE:</b> If the answer is YES then attach a copy of the Agreement to the Publications/Presentations Request Form.			
11. MATERIAL IS FOR: <input checked="" type="checkbox"/> DOMESTIC RELEASE <input type="checkbox"/> FOREIGN RELEASE CHECK APPROPRIATE BOX OR BOXES FOR APPROVAL WITH THIS REQUEST. ATTACH COPY OF MATERIAL TO BE PUBLISHED/PRESENTED.			
<input type="checkbox"/> 11a. PUBLICATION/JOURNAL (List intended publication/journal.)			
<input type="checkbox"/> 11b. PUBLISHED ABSTRACT (List intended journal.)			
<input checked="" type="checkbox"/> 11c. POSTER (To be demonstrated at meeting: name of meeting, city, state, and date of meeting.) ARRS, New Orleans, LA 04/25/2017			
<input type="checkbox"/> 11d. PLATFORM PRESENTATION (At civilian institutions: name of meeting, state, and date of meeting.)			
<input type="checkbox"/> 11e. OTHER (Describe: name of meeting, city, state, and date of meeting.)			
12. HAVE YOUR ATTACHED RESEARCH/TECHNICAL MATERIALS BEEN PREVIOUSLY APPROVED TO BE PUBLISHED/PRESENTED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO ASSIGNED FILE # _____ DATE _____			
13. EXPECTED DATE WHEN YOU WILL NEED THE CRD TO SUBMIT YOUR CLEARED PRESENTATION/PUBLICATION TO DTIC <b>NOTE:</b> All publications/presentations are required to be placed in the Defense Technical Information Center (DTIC).			
DATE 04/01/2017			
14. 59 MDW PRIMARY POINT OF CONTACT (Last Name, First Name, M.I., email) Madireddi, Sunthosh P, sunthosh.p.madireddi.mil@mail.mil			15. DUTY PHONE/PAGER NUMBER 858-442-7046
16. AUTHORSHIP AND CO-AUTHOR(S) List in the order they will appear in the manuscript.			
LAST NAME, FIRST NAME AND M.I.	GRADE/RANK	SQUADRON/GROUP/OFFICE SYMBOL	INSTITUTION (If not 59 MDW)
a. Primary/Corresponding Author Madireddi, Sunthosh	Capt/O-3	959	BAMC
b. Russell, Timothy	CPT/O-3	959	BAMC
c. Costello, Justin	Maj/O-4	959	BAMC
d. Livingston, Lisa	Civ	Civ	BAMC
e.			
17. IS A 502 ISG/JAC ETHICS REVIEW REQUIRED (JER DOD 5500.07-R)? <input type="checkbox"/> YES <input type="checkbox"/> NO			
I CERTIFY ANY HUMAN OR ANIMAL RESEARCH RELATED STUDIES WERE APPROVED AND PERFORMED IN STRICT ACCORDANCE WITH 32 CFR 219, AFMAN 40-401 IP, AND 59 MDWI 41-108. I HAVE READ THE FINAL VERSION OF THE ATTACHED MATERIAL AND CERTIFY THAT IT IS AN ACCURATE MANUSCRIPT FOR PUBLICATION AND/OR PRESENTATION.			
18. AUTHOR'S PRINTED NAME, RANK, GRADE Sunthosh Madireddi, Capt, O-3		19. AUTHOR'S SIGNATURE MADIREDDI, SUNTHOSH P. 1395706469	20. DATE 01/05/2017
21. APPROVING AUTHORITY'S PRINTED NAME, RANK, TITLE Christian L. Carlson, LTC(P), Residency Program Director		22. APPROVING AUTHORITY'S SIGNATURE CARLSON CHRISTIAN LACELLE 1158347268	23. DATE 01/05/2017

<b>PROCESSING OF PROFESSIONAL MEDICAL RESEARCH/TECHNICAL PUBLICATIONS/PRESENTATIONS</b>			
<b>1st ENDORSEMENT (59 MDW/SGVU Use Only)</b>			
TO: Clinical Research Division 59 MDW/CRD Contact 292-7141 for email instructions.	24. DATE RECEIVED January 06, 2017	25. ASSIGNED PROCESSING REQUEST FILE NUMBER 17043	
26. DATE REVIEWED 26 Jan 2017		27. DATE FORWARDED TO 502 ISG/JAC	
28. AUTHOR CONTACTED FOR RECOMMENDED OR NECESSARY CHANGES: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES If yes, give date. _____ <input type="checkbox"/> N/A			
29. COMMENTS <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED The abstract is approved.			
30. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER Rocky Calcote, PhD, Clinical Research Administrator		31. REVIEWER SIGNATURE <small>Digitally signed by CALCOTE ROCKY.D.1178245844 (DN: cn=ROCKY.D.1178245844, o=59 MDW/CRD, ou=59 MDW/CRD, email=ROCKY.D.1178245844@59MDW.DOD.mil, c=US)</small> CALCOTE ROCKY.D.1178245844	32. DATE
<b>2nd ENDORSEMENT (502 ISG/JAC Use Only)</b>			
33. DATE RECEIVED		34. DATE FORWARDED TO 59 MDW/PA	
35. COMMENTS <input type="checkbox"/> APPROVED (In compliance with security and policy review directives.) <input type="checkbox"/> DISAPPROVED			
36. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER		37. REVIEWER SIGNATURE	38. DATE
<b>3rd ENDORSEMENT (59 MDW/PA Use Only)</b>			
39. DATE RECEIVED January 26, 2017		40. DATE FORWARDED TO 59 MDW/SGVU January 30, 2017	
41. COMMENTS <input checked="" type="checkbox"/> APPROVED (In compliance with security and policy review directives.) <input type="checkbox"/> DISAPPROVED			
42. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER Kevin Iinuma, SSgt/E-5, 59 MDW Public Affairs		43. REVIEWER SIGNATURE <small>Digitally signed by IINUMA KEVIN.MITSUGU.1296227 (DN: cn=KEVIN.MITSUGU.1296227, o=59 MDW/PA, ou=59 MDW/PA, email=KEVIN.MITSUGU.1296227@59MDW.DOD.mil, c=US)</small> IINUMA KEVIN.MITSUGU.1296227	44. DATE January 30, 2017
<b>4th ENDORSEMENT (59 MDW/SGVU Use Only)</b>			
45. DATE RECEIVED		46. SENIOR AUTHOR NOTIFIED BY PHONE OF APPROVAL OR DISAPPROVAL <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> COULD NOT BE REACHED <input type="checkbox"/> LEFT MESSAGE	
47. COMMENTS <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED			
48. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER		49. REVIEWER SIGNATURE	50. DATE



**Title:**

A case-based review of uncommon causes of axillary adenopathy and potential pitfalls in clinical management

**Background information/purpose:**

Axillary adenopathy is a common clinical scenario encountered in daily radiology practice. Defining an abnormal axillary lymph node can be challenging on all radiologic modalities. Appropriate management can also be problematic, with several potential pitfalls regarding unilateral and bilateral clinical presentation. The purpose of this educational exhibit is to review the key imaging features of axillary adenopathy, with application of current management guidelines, based upon institutional experience and the Breast Imaging-Reporting and Data System-5 manual. A case-based review of common and uncommon causes of axillary adenopathy will also be presented, with radiologic-pathologic correlation. Our goal is to improve background knowledge for the general radiologist and physicians in-training, so that patients presenting with axillary adenopathy are managed more effectively.

**Education goals/teaching points:**

- 1) Understanding of the anatomy and physiology of normal axillary lymph nodes.
- 2) Recognition of key ultrasound, CT, mammographic, and MR imaging features of abnormal axillary lymph nodes.
- 3) Case-based review of causes of axillary adenopathy, with radiologic-pathologic correlation.
- 4) Understanding of appropriate clinical management of unilateral and bilateral axillary adenopathy.
- 5) Review of potential mimickers of axillary adenopathy.

**Key anatomic or pathophysiologic issues, imaging findings, or imaging technique:**

- 1) Axillary lymph node levels are categorized in relation to the pectoralis minor muscle.
- 2) Pathologic axillary lymph nodes are best defined based upon imaging morphology.
- 3) Key imaging features include concentric or focal cortical thickening, fatty hilum compression or displacement, and round rather than reniform shape.
- 4) There are no specific size criteria for abnormal axillary lymph nodes, although when greater than 2 cm in longest dimension, the reader should look closely for cortical thickening or fatty hilar effacement.
- 5) If present, lymph node calcification may be helpful in determining etiology.
- 6) Axillary adenopathy differential considerations and clinical management depends on whether findings are unilateral or bilateral.
- 7) For unilateral axillary adenopathy, underlying breast mass must be excluded, and lymph node biopsy or breast MRI may be indicated, depending on clinical context.
- 8) For bilateral axillary adenopathy, initial management should be focused towards determining potential systemic causes.
- 9) Uncommon causes of axillary adenopathy include tattoo pigment, gold injection, or silicone uptake.

**Conclusion:**

- 1) Axillary adenopathy is a frequently encountered clinical scenario in diagnostic breast imaging.
- 2) Morphology is the key imaging feature to identify abnormal axillary lymph nodes.
- 3) Knowledge of normal anatomy, differential considerations, and awareness of potential pitfalls in management are essential to providing appropriate clinical care.
- 4) Comparison to the contralateral axilla can be helpful to identify pathologic axillary lymph nodes, particularly in a patient with underlying systemic disease process.
- 5) Potential mimickers of axillary adenopathy include axillary tail mass and schwannoma.

**Disclaimer:**

The views expressed are those of the author(s)/presenter(s) and do not reflect the official views or policy of the Department of Defense or its Components.

## Quintero, Susan J CIV USAF (US)

**From:** Madireddi, Sunthosh P Capt USAF USARMY MEDCOM BAMC (US)  
**Sent:** Wednesday, October 26, 2016 9:16 AM  
**To:** Quintero, Susan J CIV USAF (US)  
**Cc:** Gomez, Joann S CIV (US)  
**Subject:** FW: [Non-DoD Source] ARRS 2017 Abstract Program: Status of your submitted abstract.

Hi Susan and Joann,

I am forwarding the invitation I received from ARRS.

V/r,  
Sunthosh Madireddi, MD  
Capt, USAF, MC

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**From:** Laura Mishler [lmishler@arrs.org]  
**Sent:** Tuesday, October 25, 2016 9:03 PM  
**To:** Madireddi, Sunthosh P Capt USAF USARMY MEDCOM BAMC (US)  
**Subject:** [Non-DoD Source] ARRS 2017 Abstract Program: Status of your submitted abstract.

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.



October 25, 2016

Attention: Dr. Sunthosh Madireddi

We are very pleased to inform you that your abstract, # E2377, entitled, A case-based review of uncommon causes of axillary adenopathy and potential pitfalls in management, has been accepted as an electronic exhibit at the 117<sup>th</sup> Annual Meeting of the ARRS, to be held April 30-May 5, 2017 at the Hyatt Regency New Orleans, New Orleans, Louisiana.

**Registration Information:**

- The **member** discount registration rate applies **only** November 28 – February 17.
- **Only the first author is eligible to receive a discounted registration fee.**

Registration opens November 28	Early Bird Rates Through February 17	Regular Rates Through March 31	On-Site Rates
ARRS <b>Member</b> Presenter	425 USD	625 USD	725 USD
Nonmember	1,475 USD	1,575 USD	1,675 USD
ARRS <b>Member</b> In-Training	205 USD	305 USD	405 USD

Please note that the LOWEST registration fee is for member in-training/residents/fellows. **The in-training/resident/fellow registration fee is \$205 through February 17.** Registration opens on November 28 at [Caution-www.arrs.org](http://www.arrs.org) < Caution-<http://www.arrs.org> > . Please visit our website for more information about our Annual Meeting.



**PowerPoint presentations:**

You must create a PowerPoint presentation for your accepted electronic exhibit. Information and guidelines regarding the format restrictions of your PowerPoint presentation is available at: Caution-  
[http://exhibits.arrs.org/Content/Exhibit\\_Guidelines.pdf](http://exhibits.arrs.org/Content/Exhibit_Guidelines.pdf) < Caution-  
[http://exhibits.arrs.org/Content/Exhibit\\_Guidelines.pdf](http://exhibits.arrs.org/Content/Exhibit_Guidelines.pdf) > . Submitting authors have 7-1/2 weeks to submit the completed PowerPoint presentation files. **Completed PowerPoint files must be uploaded by December 14.**

► **PowerPoint files can only be uploaded using the Submitting Author's login username and password.**

**Deadlines to remember:**

- November 28 -**February 17:** Discount registration rate applies to the designated First Authors.
- October 24 -**December 14:** **Upload your final Electronic Exhibit PowerPoint presentation.**

***IMPORTANT!***

**Authors who submitted oral presentations:**

Our Section Chairs are currently working on the reviews and scores for abstracts which were submitted as oral presentations. We expect to send notification to authors on the status of their submitted oral presentations on November 14.

Please do not hesitate to contact Laura Mishler at (703) 858-4317, [orLMishler@arrs.org](mailto:orLMishler@arrs.org) < Caution-mailto:LMishler@arrs.org > if you have any questions.

Congratulations again on the acceptance of your material.

Sincerely,  
John R. Leyendecker, MD  
Chair, Scientific Program Subcommittee

*Connect, Learn, and Advance With Top Radiologists  
at the 2017 ARRS Annual Meeting—April 30–May 5 in New Orleans!*